S6 Table The statistically enriched GO terms of Sub 1

	C41-	т	Damler	C	Th. t
GO	Style	Term	Pvalue	Gene count	The involved genes
	Metabolic	regulation of RNA metabolic process	1.20E-10	1	SLA2,TBX4,TAL1,TBPL1,TSC22D4,WDTC1,ATXNYL3,BAZ2A,ABL1,CALCR,CDX2 etc F2P3,FLK1,FOSI,LKLF12,MK1,2,MFIS2,POHJF2,PRDM16,RPM15,SATR2,SOX4,SWARCD1 etc
		positive regulation of RNA metabolic process positive regulation of macromolecule metabolic process	3.20E-09 2.70E-08	1	E2F3,ELK1,FOSL1,KLF12,MKL2,MEIS2,POU4F2,PRDM16,RBM15,SATB2,SOX4,SMARCD1 etc NFYA,PPARA,PPARG,PPARGC1A,PPARGC1B,PSMD7,PRKCA,RARB,RUNX1,SREBF2,SUPT4H1 etc
		positive regulation of macromolecule metabolic process negative regulation of RNA metabolic process	2.70E-08 4.40E-07	1	NFYA,PPARA,PPARG,PPARGCIA,PPARGCIB,PSMD7,PRKCA,RARB,RUNXI,SREBF2,SUP14H1 etc E2F6,JAZF1,JDP2,KLF12,MXD4,MEIS2,PHF21A,POU4F2,PRDM1,PRDM16,PAWR etc
		nositive regulation of nucleobase nucleoside nucleotide and nucleic seid motabolic n	4.40E-07 7.70E-07	1	ARIDI A.FP300.E2F3.ELKI.FOSLI.KITL.GKLF12.MKI.2.MEIS2.POU4F2.PRDMI.6.RBM15.etc
1		positive regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic p negative regulation of macromolecule metabolic process	1.00E-06	1	ATP8B1.BCL2L1.BNIP3L.JAZF1.JDP2.KLF12.MXD4.MEIS2.PHF21A.POU4F2.PRDM1.etc
		positive regulation of nitrogen compound metabolic process	2.10E-06	1	ARIDI A.EP300.E2F3.ELKI FOSLI KITLGKLFI 2.MKL2.MEIS2.POU4F2.PRDMI6 etc
		phosphorus metabolic process	2.10E-06 1.50E-05	1	ARIDI ALFF380,E2F3,ELKI, FOSLI, KITLG,KLF12,MKL2,MEIS2,POU4F2,PRDM16 esc BCL2,EPHA7,EPHB2,GAB1,NRK,PAN3,CDK16,PDIK1L,SACM1L,SBF1,SNRK,SPEG,TAOK2,TYRO3 esc
		phosphate metabolic process	1.50E-05	1	CSFIR.CDKSRI.DCLK1.EYA2.FGFRI.FLT1.HIPK1.IPPKJNSRJCKMAPK1.MAPK14.MAPK8IP3 etc
		negative regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic p negative regulation of nitrogen compound metabolic process	2.30E-05 3.30E-05		ATP8B1_E2F6_JAZF1_JDP2_KLF12_MXD4_MEIS2_PHF21_A_POU4F2_PRDMI_PRDM16_etc ATP8B1_E2F6_JAZF1_JDP2_KLF12_MXD4_MEIS2_PHF21_A_POU4F2_PRDMI_PRDM16_etc
		negative regulation of nitrogen compound metabolic process	3.30E-05		ATP8B1,E2F6,JAZF1,JDP2,KLF12,MXD4,MEIS2,PHF21A,POU4F2,PRDMI,PRDM16 etc
		regulation of cellular protein metabolic process	1.00E-03		ADAM9,BCL2,CD28,EP300,GAB1,KITLG,RB1CC1,TIMP3,BTRC,BOLL,CASC3,CPEB1 etc
		regulation of cellular carbohydrate metabolic process regulation of carbohydrate metabolic process	9.70E-03		HDAC4.INSR.IRS1.IGF1.NR3C1.PPAR.GC1A.PLEK
		regulation of carbohydrate metabolic process	1.10E-02		HDAC4_INSR_IRS1_IGF1_NR3C1_PPARGC1A_PLEK
		regulation of phosphorus metabolic process	1.40E-02		ADAM9,BCL2,GAB1,KITLG,RB1 CC1,SH3BP5,TAOK2,ADCY6,CAMKK2,CAV3,CHRM1 etc
		regulation of phosphate metabolic process positive regulation of protein metabolic process	1.40E-02		ADAM9 BCL2,GABI JKTTLG,RBI CCL SHBBPS,TAOK2,ADCY6,CAMKC2,CAV3,CRBAIL ee ADAM9 BCL2,GABI JKTTLG,RBI CCL SHBBPS,TAOK2,ADCY6,CAV3,CRBAIL CCCNOT ee ADAM9 BCL2,CD28,D290,JKTLG,RBI CCL JRTRC,BOLL,DEFA,GABI JBDACG
		positive regulation of protein metabolic process	1.60E-02		ADAM9 BCL2,CD28,EP300,KTILG,RB1CC1,BTRC,BOLL,EIF5A,GJA1,HDAC4
		positive regulation of cellular protein metabolic process regulation of glucose metabolic process	2.00E-02		ADAMO BCL2,CD28,FP300,KITLG,BB1CC1,BTRC,BOLL,EIF5A2,FURIN,INSR,IGF1 etc HDAC4,INSR,IRS1 JGF1,NR3C1,PPARGC1A
		regulation of gracose metaoone process collagen metabolic process	2.60E-02 4.60E-02		EPHB2,ARHGDIA,MBP,SEMA3A,SEMA4F
		regulation of transcription	4.00E-02		AFTS AFTA ADDIA ADDISA ADDISA ADDISO ATBODI DOLLIA DOLGI DECI DOCULI DACILI DACILI DACILI
		transcription	8.90E-15 1.70E-13	1	AFF3,AFF4,ARID1A,ARID3B,ARID3B,ATP8B1,BCL11A,BCL9L,BTG1,BCORL1,BACH1,BACH2 etc KLF12,MNT,MXD4,MKL2,MAX,MEIS1,PHF21A,POU3F1,PRDM1,PRDM16,PRDM4,PAWR etc
		regulation of transcription from RNA polymerase II promoter	1.10E-11		EP300,E2F6,ELF2,ELK1,FOSL1,JAZF1,JDP2,KLF12,MXD4,MKL2,MEIS2 etc
		regulation of transcription from RNA polymerase II promoter regulation of transcription, DNA-dependent positive regulation of transcription, DNA-dependent	1.80E-10		ETVLFOXALFOXDLFOXDLFOXI2.FOXMLFOXP4.GTF2HLHLFHDAC4.HOXALHOXAL1 etc POU4F2.PRDML6.RBML5.SATB2.SOX4.SMARCDLSP1.ATXN7L3.CDX2,CLOCK.CBFB,CSRNP2 etc
		positive regulation of transcription, DNA-dependent	2.30E-09	1	POU4F2,PRDM16,RBM15,SATB2,SOX4,SMARCD1,SP1,ATXN7L3,CDX2,CLOCK,CBFB,CSRNP2 etc
		positive regulation of transcription from RNA polymerase II promoter	4.30E-08	1	IGF1,JUNB.MAML1,MTF1,MAPK14,NEUROD1,NEUROG2,NPAS4,NFB3,NFAT5,NRIP1 etc ARID1A,FP300,E2F3,ELK1,FOSL1,KLF12,MKL2,MEIS2,POU4F2,PRDM16,RBM15 etc
	Transcription	positive regulation of transcription	1.30E-07	242/662	ARIDI A,FP300,F2F3,FLK1,FOSL1,KLF12,MKL2,MEIS2,POU4F2,PRDM16,RBM15 etc
		positive regulation of transcription negative regulation of transcription from RNA polymerase II promoter	2.60E-07		E2F6,JAZF1,JDP2,KLF12,MXD4,MEIS2,PHF21A,POU4F2,PRDM1,PRDM16,PAWRest
		negative regulation of transcription, DNA-dependent	2.80E-07 1.20E-06	(36.5%)	RBMI5,SATB1,SATB2,SIA2,WDTC1,BAZ2A,CDX2,CBX5,PRDMI,PRDMI6,PAWR etc ATP8B1,E2F6,JAZF1,JDP2,KLF12,MXD4,MEIS2,PHF21A,POU4F2,PRDMI,PRDMI6 etc
		negative regulation of transcription transcription from RNA polymerase II promoter	1.20E-06	1	ATP8B1,E2F6,JAZF1,JDP2,KLF12,MXD4,MEIS2,PHF21A,POU4F2,PRDM1,PRDM16 etc
		transcription from RNA polymerase II promoter	3.00E-05		AFF4,E2F3,FOSL1,MNT,MAX,PRDM4,TARDBP,TBPL1,ASHIL,CDX2,CBFB,CCNT2 etc
		regulation of gene-specific transcription	5.90E-03 1.30E-02		RBML5.TALL.WDTCLHDAC4.JGFLNCOR2.NR2F2.NR5A2.PPARA.PPARG.PPARGCLA
		chromatin-mediated maintenance of transcription	1.30E-02		ARIDI A,SMARCDI ,MLI4
Biological		regulation of specific transcription from RNA polymerase II promoter	4.00E-02	1	RBMI 5, TAL1, WDTC1, HDAC4, NC OR2, PPARA, PPARG, SIRT1, TFE3, ETS1
		negative regulation of specific transcription from RNA polymerase II promoter positive regulation of macromolecule biosynthetic process	4.80E-02 5.70E-09		RBMI 5, WDTC1, HDAC4, NCOR2, PPARA, PPARG
processes	Biosynthetic	postuve regulation of macromolecule mosynthetic process	5.70E-09	-	ARIDIA, CD28 EP300 E2F3, ELKI FOSLI KITLG, KLF12, MKL2, MEIS2, P.OU4F2, PRDM16 etc
		positive regulation of cellular biosynthetic process	3.50E-08	1	ATXN7L3,BOLL,CAMEK2,CDX2,CLOCK,CBFB,CSRNP2,EPC1,ESRRG,EIF5A2,FOXA1 etc EIF5A2,FOXA1,FOXL2,GTF2H1,HDAC4,HOXA1,HOXB9,INSR,IRS1,IGF1,IL1A,JUNB etc
		positive regulation of biosynthetic process negative regulation of macromolecule biosynthetic process	6.20E-08 1.40E-06	123/662	EF5A2,FOXA1,FOXL2,GTF2H1,HDAC4,HOXA1,HOXB9,INSR,IRS1,IGF1,IL1A,JUNB etc ATP8B1,E2F6,JAZF1,JDP2,KLF12,MXD4,MEIS2,PHF21A,POU4F2,PRDM1,PRDM16,PAWR etc
		negative regulation of biosymbatic process	2.50E-06	(123/002	ATPSR1 F266 JA ZE1 JDP2 KLE12 MYD4 MEIS2 PHE21 A POLKE2 PRDMI PRDMI6 PAWR etc.
		negative regulation of biosynthetic process negative regulation of cellular biosynthetic process	6.30E-06	(18.5%)	A TP8B1 , E2F6 ,JAZF1 ,JDP2, KLF1 2,MXD4,MEIS2,PHF21 A,POU4F2,PRDML,JARID2 etc
		RNA biosynthetic process	6.40E-06	1	ATP8B1;E2F6;AZF1;JDF2;KLF12;AKD4;MEIS2;PHF21A;POU4F2;PKDML;JARD2eie AFF4;E2F3;FOSL1;ANYT;MAX;PRDM4;TARDBP;TBPL1;ASHIL;CDX2;CBFB;CCNT2;ELL2eie
		negative regulation of receptor biosynthetic process	2.20E-02	1	SLC1A2.SLC1A3.SLC7A10
+	Gene expression	positive regulation of gene expression	2.80E-02	116/662 (17.5%)	MAPKI MAPKI 4 MILL4 NEUROD1 NEUROG2 NP AS4 NFIB NFATS/NRIP1 NR2F2 NR4A2 etc
		negative regulation of gene expression	4.30E-08		EIF2C1_EIF2C3_XPO5_FOXA1_FOXP4_HDAC4_HIC2_INSR_JARID2_EDM6B_MECP2_NCOR2_etc
		posttranscriptional regulation of gene expression	6.60E-04		MKL2,SPEG,ACTA1,CAV3,DMD,EGR3,FOXL2,FXR1,HSPG2,IGF1,MAPK14,MEF2D,NR2F2 etc
		positive regulation of gene expression, epigenetic	4.30E-02		ARIDIA SMARCDI MI.I.4
	Apoptosis	regulation of apoptosis	7.00E-05		CDKSR1,CDKN1A,CRTAMESR1,FOXL2,FURIN,HIPK1,HSPA5,IGF1,IGF2R,IL1A etc
		regulation of programmed cell death regulation of cell death	9.40E-05	1	ADAM9,BCL2,BTG1,BBC3,BCL2L1,BCL2L2,BNIP3L,CD3G,DPF2,EPHA7,FOSL1,GCH1 etc
		regulation of cell death	1.00E-04	1	MAP3K5,MCL1,NET1,NEUROD1,NR3C1,NR4A2,PTEN,PREX1,PGP,KCNMA1,PHB etc
		positive regulation of apoptosis positive regulation of programmed cell death positive regulation of cell death	1.10E-03 1.30E-03		FOSLI,GCHI,PAWRARHGEF12,ARHGEF3,SOX4,TIMP3,ABLI,CUL2,CUL3,CDK5R1 et BBC3,BCL2L1,BNIP3L,DPF2,FPHA7,FOSL1,PAWRARHGEF12,ARHGEF3,SOX4,TIMP3 etc
		positive regulation of programmed cell death	1.30E-03	81/662	BBC3,BCL2L1,BNIP3L,DPF2,EPHA7,FOSL1,PAWR,ARHGEF12,ARHGEF3,SOX4,TIMP3 etc
		positive regulation of cell death	1.40E-03	(12.2%)	BCL2BBC3,BCL2LI,DFF2,EPHAT,FOSLI,GCHI,ARHGFF12,ARHGFF3,SOM etc BBC3,BNP3LDFF2,GCHi,ARHGF12,ARHGF53,IIMP3,ABL1,C16orf5,CUL2,CUL2 etc
		induction of apoptosis	7.70E-03		BBC3,BNIP3L,DPF2,GCH1,ARHGEF12,ARHGEF3,TIMP3,ABL1,C16orf5,CUL2,CUL3 etc
		induction of programmed cell death	8.00E-03		CUL3,CDKN1A,CRTAM,FOXL2,HIPK1,MAPK1,MAP3K5,NET1,PTEN etc
		regulation of neuron apoptosis	1.20E-02		AD AMD BC12,BC1.2i.j.EPHA7,BDNF,CDK5R1,ESR1,FURIN.NR3C1,NR4A2 etc BC12,BBC3,BC1.2i.j.BC1.2i.2,BNIP31,DPF2,DDIT4,EP300,PAWR,ARHGEF12,ARHGEF3
-		apoptosis	4.30E-02		BCL2,BBC3,BCL2L1,BCL2L2,BNIP3L,DPF2,DDIT4,EP300,PAWR,ARHGEF12,ARHGEF3
	Differentiation	cell morphogenesis involved in neuron differentiation	3.70E-06	77/662 (11.6%)	NDELI J.PPR4 PRKCA, PTPN11 , PTPRZ1, SEMA3A, SEMA3B, SEMA4F, SLC1A3, UNC5C, ULK2 etc
		cell morphogenesis involved in differentiation regulation of myeloid cell differentiation	8.50E-06 5.40E-04		NRXN3.NEUROG2,NRP2,NR4.42,NDEL1 LPPR4,PRKCA,PTPN11,PTPRZI,SEMA3A,SEMA3B e4c KITLG,PRDM16,RBM15,TAL1,MAPK14,PURB,RUNX1,HMGB3,SMAP1,TFE3,TOB2 e4c
		regulation of myeloid cell differentiation neuron differentiation	5.40E-04 8.40E-04		POU4F2,BDNF,CNTN4,CUX1,CDK5R1,DMD,EMX1,EFNB1,FGFR1,FOXA1,FOXG1 etc
		neuron unerengation	2.90E-03		EPHB2 DCLK1 FOXG1 HOXA1 NEUROG2 NR4A2 NDEL1 PRKCA
		central nervous system neuron differentiation fat cell differentiation	3.90E-03		PRDMI6,ADRBI_INSR_PPARGPPARGCIA_RGS2_SIRTI_SLC2A4_SOCSI
		positive regulation of cell differentiation	4.20E-03		BCL2,BTGL,CD83,EPHB2,POU4F2,ARHGDIA,TALL,BDNF,CDX2,FOXALFOXGL,HOXAL1
		negative regulation of cell differentiation	4.60E-03		EPHB2,PRDM16,RBM15,ARHGDIA,BDNF,CDX2,CNTN4,FOXG1,HDAC4,IGF1 etc
		brown fat cell differentiation	5.40E-03		PRDMI6,ADRBI,PPARG,PPARGC1A,RGS2,SLC2A4
		trophectodermal cell differentiation	6.40E-03		SP1,SP3,CDX2,CUL3,JUNB
		regulation of neuron differentiation	1.30E-02		GAB1,WDTC1ADCY6,GRB2,JNSR,JRS1,JUNB,PRKACA,PTPN1,PTPN11
		positive regulation of erythrocyte differentiation	1.40E-02		TALI,MAPKI4,SMAPI,ETSI
		positive regulation of myeloid cell differentiation	2.10E-02		KTTLG,TAL1,MAPK14,RUNX1,SMAP1,ETS1
		plasma membrane part	3.00E-06		KITLG,TAL1,MAPK14,RUNX1,SMAP1,ETS1 ADAM9,ATP2A2,ATP2B1,ATP6AP2,ATP8B1,BCL2L1,CD28,CD3Gek
	Plasma membrane	plasma membrane	3.00E-04		ADAM9, ARFIP2, AAK1, ATP2A2, ATP2B1, ATP6AP2, ATP8B1, BCL2L1, CD28, CD3Gete
		integral to plasma membrane	6.20E-04 7.40E-04	197/540	ADRB1 ACCN1.CALCR.CCR5.CHRM1.CSF1R.DCBLD2.DCLK1.EFNA3.EFNB1.FGFR1 etc
Cellular		intrinsic to plasma membrane	7.40E-04	(36.4%)	FLT1,FZD5,GABRA4,GABRA5,GJA1,GRIN3A,GRM5,HAS3,INSR,JRS1,JGF2Refe
		internal side of plasma membrane	1.50E-02		BCL2L1, CADPS, FRMPD1, RAB15, RAB38, RAB5B, RAP2B, RAP2C, RAPHI, RHEBL1, WDFY3 etc
		external side of plasma membrane cytoplasmic vesicle	2.80E-02		ADAM9, ATP6AP2, CD28, CD83, CD83, CD8A, CCR5, ITGB3, MMP15, MMP16, LPPR4, KCNMA1, SLC2A4 etc CADPS, DENND1A, GCH1, N4BP3, RAB11A, RAB38, RAB5B, RACGAP1, SLA2, TAOK2 etc
	Vesicle	cytoplasmic vesicle vesicle	3.90E-05		CADES DENNING A COULDARD DARLIA DARDE DARRE DACCARD OF ASTA OFF
		vesicie membrane-bounded vesicle	5.80E-05 9.90E-04		CADPS DENNDIA, GCHI N4BP3 RAB11 A.RAB38 RAB5B RACGAPI, SLA2, TAOK2 etc DENNDIA, RAB11 A.RAB38 RAB5B.RACGAPI, SLA2, TAOK2 AP2AI, AP4EI, BECNI, etc
		cytoplasmic membrane-bounded vesicle	1.00E-03	1	BDNF,BINI, CALCR,CAMK2D,CALU,CLTA,SLA2,TAOK2,AP2A1,AP4E1,BECN1 et
		transport vesicle	1.70E-03	1	RABI LA.AP2AL.CLTA.FURINIGF2R.NCALD.SLC2A4.SYTL.VAMP2
		trans-Golgi network transport vesicle	1.70E-03 2.90E-03	1	AP2A1,CLTA,FURINJGF2R,NCALD,SLC2A4
component		Golgi-associated vesicle	5.30E-03	1	AP2A1,AP4E1,CLTA,FURIN,GJA1,JGF2R,NCALD,SLC2A4
		clathrin coated vesicle membrane	6.50E-03 9.90E-03	51/540	DENNOTA AP2AL CLTA NCALD SCAMPL SV2A SYTL VAMP2
		clathrin-coated vesicle	9.90E-03	(9.4%)	DENNDI A,AP2AI,BINI,CLTA,FURIN,JGF2R,NCALD,SCAMPI,SLC2A4,SORTI,SLC2A4,SV2A,SYTI
- 1		vesicle membrane	1.10E-02		DENNDI A,AP2AI ,AP4EI, CAMK2D,CLTA,GJAI,GRB2,ITGB3,NCALD,SCAMP1,SLC2A4,SV2A,SYTI,YAMP2 DENNDI A,AP2AI ,AP4EI,CLTA,NCALD,SCAMP1,SV2A,SYTI,YAMP2
		coated vesicle membrane	1.10E-02 1.70E-02		DENND1A,AP2A1,AP4E1,CLTA,NCALD,SCAMP1,SV2A,SYT1,VAMP2
			1 20F 02		DENND1A,AP2A1,AP4E1,CAMK2D,CLTA,GJA1,GRB2,ITGB3,NCALD,SCAMP1,SLC2A4 etc
		coated vesicle	1.700-02		
		transport vesicle membrane	2.20E-02	-	AT ALL CHILD CHILD STILL CHILD
		transport vesicle membrane	2.20E-02 2.70E-02		AP2AL,CLTA,NCALD,SYTI,NAMP2 DENNOI,A,P2AL,AP4EL,CAMC2D,CLTA,GJALJGFL,ITGB3,NCALD,SCAMPL,SV2A etc
		transport vesicle membrane cytoplasmic vesicle part Golgi-associated vesicle membrane	2.20E-02 2.70E-02 3.20E-02		AP2ALAP4EL.CLTA.GJALNCALD
		transport vesicle membrane cytoplasmic vesicle part Golgi-asociated vesicle membrane cytoplasmic vesicle membrane	2.20E-02 2.70E-02 3.20E-02		AP2ALAP4EL.CLTA.GJALNCALD
		transpart vesicle membrane cytoplasmic vesicle part Golgi-asso dated vesicle membrane cytoplasmic vesicle membrane transcription regulator activity	2.20E-02 2.70E-02 3.20E-02 3.30E-02 2.70E-15		APZAI, APZEI, CLTA, GOJAI, NCALD DENNDIA, APZAI, APZEI, CAMKZD, CLTA, GJAI, JTGB3, NCALD, SCAMPI, SVZA, SYTI, VAMP2 AFF4 - ARDIA - ARDIA - BCLIIA - BCLZ - BTGI - BACHI - BACH2 - EFS00 - EFFS etc
		transport vesicle membrane cytoplasmic vesicle part Golgi-associated vesicle membrane cytoplasmic vesicle membrane transcription regulator activity transcription for activity transcription for activity	2.20E-02 2.70E-02 3.20E-02 3.30E-02 2.70E-15 8.30E-11		APZAL APFEL (ZITA, GAJA NCALD DENROLA, APZAL APFEL CAMBELD (ZITA, GAJA LITGB3 NCALD, SCAMPL, SVZA, SVITI, VAMP2 DENROLA, APZAL APZEL CAMBAS - BCLI I.A - S CLZ - B TG1 - B ACHI - B ACHZ - B FZ 980 - EZ F3 etc AFF4 - A RIDDI A - A RIDDI A - B ACHZ - B FZ 980 - EZ F3 - EZ F2 - EZ F2 - EZ F3 - EZ
	Transcription	transport vesicle membrane cytoplasmic vesicle part Golgi-associated vesicle membrane cytoplasmic vesicle membrane transcription regulator activity transcription for activity transcription for activity	2.20E-02 2.70E-02 3.20E-02 3.30E-02 2.70E-15 8.30E-11	148/639	APZAL APFEL (ZITA, GAJA NCALD DENROLA, APZAL APFEL CAMBELD (ZITA, GAJA LITGB3 NCALD, SCAMPL, SVZA, SVITI, VAMP2 DENROLA, APZAL APZEL CAMBAS - BCLI I.A - S CLZ - B TG1 - B ACHI - B ACHZ - B FZ 980 - EZ F3 etc AFF4 - A RIDDI A - A RIDDI A - B ACHZ - B FZ 980 - EZ F3 - EZ F2 - EZ F2 - EZ F3 - EZ
	Transcription	transport vesicle membrane cytuplasmic vesicle membrane Codigi-as-sociated vesicle membrane cytuplasmic vesicle membrane transcription regulator activity transcription activator activity transcription activator activity transcription activator activity	2.20E-02 2.70E-02 3.20E-02 3.30E-02 2.70E-15 8.30E-11 7.30E-07 5.00E-06	(23.196)	APPALAMEL, CLTAGGAI NOCALI DE DESCRIPCIO DE CONTROL DE
	Transcription activity	transport vesicle membrane (youphanic vesicle part Golgi-ss-sociated vesicle membrane (youphanic vesicle membrane transcription regulator activity transcription for activity transcription for activity transcription for regulator activity transcription for the control of the c	2.20E-02 2.70E-02 3.20E-02 3.30E-02 2.70E-15 8.30E-11 7.30E-07 5.00E-06 2.30E-05 9.50E-05	(23.196)	APPALAMEL, CLTAGGAI NOCALI DE DESCRIPCIO DE CONTROL DE
		transport vesicle membrane (youphanic vesicle part Golgi-ss-sociated vesicle membrane (youphanic vesicle membrane transcription regulator activity transcription for activity transcription for activity transcription for regulator activity transcription for the control of the c	2.20E-02 2.70E-02 3.20E-02 3.30E-02 2.70E-15 8.30E-11 7.30E-07 5.00E-06	(23.1%)	APPAL APPEL, CLTAGGAI NOCALD BENDROLA, APPAL APPEL, CATAGGAI NOCALD BENDROLA, APPAL APPEL, CATAGGAI LITGES, ACALD, SCAMPI, AYPALSYTI, YAMP2 APPAL, ARBIDIA A, ARBIDA A, BARDIA S, DELLIA S, DELZ, EFFIGI, FBACHI F, BARCHE, FPBBM S, E273-ee APPAL, ARBIDIA A, ARBIDA A, BARDIA S, DELLIA S, DELZ, EFFIGI, FBACHI F, BARCHE, ARBIDA A, BARDIA A, BARDI
		transport vesicle membrane (youtplannic vesicle part Godgi-ss-contaed vesicle membrane (youtplannic vesicle membrane (youtplannic vesicle membrane transcription active activity transcription factor activity transcription active activity transcription active activity transcription octors RNA polymerase II transcription control t	2.20E-02 2.70E-02 3.20E-02 3.30E-02 2.70E-15 8.30E-11 7.30E-07 5.00E-06 2.30E-05 9.50E-05 2.50E-04	(23.1%)	APPAL APPEL, CLTAGGAI NOCALD BENDROLA, APPAL APPEL, CATAGGAI NOCALD BENDROLA, APPAL APPEL, CATAGGAI LITGES, ACALD, SCAMPI, AYPALSYTI, YAMP2 APPAL, ARBIDIA A, ARBIDA A, BARDIA S, DELLIA S, DELZ, EFFIGI, FBACHI F, BARCHE, FPBBM S, E273-ee APPAL, ARBIDIA A, ARBIDA A, BARDIA S, DELLIA S, DELZ, EFFIGI, FBACHI F, BARCHE, ARBIDA A, BARDIA A, BARDI
Molecular		transport vesicle membrane (youtplannic vesicle part Godgi-ss-contaed vesicle membrane (youtplannic vesicle membrane (youtplannic vesicle membrane transcription active activity transcription factor activity transcription active activity transcription active activity transcription octors RNA polymerase II transcription control t	2.20E-02 2.70E-02 3.20E-02 3.30E-02 2.70E-15 8.30E-11 7.30E-07 5.00E-06 2.30E-05 9.50E-05 2.50E-04 3.30E-02 8.40E-05	(23.1%)	APPALAMEL, CLIAGGAI NOCALD BENDOLA, APPALAMEL, CLIAGGAI NOCALD BENDOLA, APPALAMEL, CLIAGAI LITGES, ACALD, SCAMPI, AYPA, SYTI, YAMP2 AFFY, ARDIA, A RODA, A BOLLIA, BOLZ, E FIGT, BACHI, BACHE, PERM, SEPA, SEPA, SEPA, ARTHA, ARDIA, A BOLZ, PERM, SEPA, BEZ, FORA, SEPA, BOLZ, PERM, SEPA, BOLZ, PERM, SEPA, BOLZ, SEPA, SEPA, BACK, SEPA, S
		transport vesicle membrane (youtplannic vesicle part Godg -sesociated vesicle membrane (compliante vesicle membrane (compliante vesicle membrane transcription actives activity transcription factor activity transcription factor activity transcription activity activity transcription conference activity protein facines activity protein facines activity protein facines activity	2.20E-02 2.70E-02 3.20E-02 3.30E-02 2.70E-15 8.30E-11 7.30E-07 5.00E-06 2.30E-05 2.50E-04 3.30E-02 8.40E-05 9.70E-05	(23.1%)	APPALAMELICATAGGAI NOCALI DEPOSITA AND APPALAMENTATION APP
Molecular function		transport vesicle membrane (you)baniur vesicle membrane (Golg-is-scoateed vesicle membrane (you)baniur vesicle membrane transcription regulatur activity transcription activator activity transcription activator activity transcription activator activity transcription activator activity RNA polymerase II transcription factor activity transcription regulature activity transcription regulature activity transcription carecteristic activity transcription carecteristic activity transcription carecteristic activity protein incine activity protein science from except protein price in the final protein science from except activity protein science from lexicos activity	2.20E-02 2.70E-02 3.20E-02 3.30E-02 2.70E-15 8.30E-11 7.30E-07 5.00E-06 2.30E-05 2.50E-04 3.30E-02 8.40E-05 9.70E-05	(23.1%)	APPALAMELICATAGGAI NOCALI DEPOSITA AND APPALAMENTATION APP
	activity	transport vesicle membrane (youplasmic vesicle part Golgi associated vesicle membrane (youplasmic vesicle membrane transcription regulator activity transcription activator activity transcription regressor activity transcription activator activity transcription activator activity transcription control massication fature activity transcription control transcription fature activity transcription control transcription transcription control transcription transcription control transcri	2.20E-02 3.20E-02 3.20E-02 3.30E-02 2.70E-15 8.30E-11 7.30E-07 5.00E-06 9.50E-05 2.50E-04 3.30E-02 8.40E-05 9.70E-05 6.80E-03	(23.1%) 57/662	APPALAMEL, CLINGGAI, NOCALI DE DESCRIPTION DE L'ARREST AND ACCIONE, STANSTIT, NAMEZ DESCRIPTION DE L'ARREST AND ACCIONE DE L'A
		transport vesicle membrane (youplasmic vesicle part Golgi-associated vesicle membrane (youplasmic vesicle membrane transcription regulatur activity transcription activator activity transcription compensor activity protein incisee activity	2.20E-02 2.70E-02 3.20E-02 3.30E-02 2.70E-15 8.30E-11 7.30E-07 5.00E-06 2.30E-05 9.50E-04 3.30E-02 8.40E-05 9.70E-05 7.20E-03 7.20E-03	(23.1%)	APPALAMENT, CITAGOJA NOCALD BENDOLA, APPALAMENT, CITAGOJA INCALD BENDOLA, APPALAMENT, CITAGOJA INCALD BENDOLA, APPALAMENT, CITAGOJA INCALDA SECULIA
	activity	transport vesicle membrane (you)baniut vesicle membrane (you)baniut vesicle membrane (you)baniut vesicle membrane transcription regulator activity transcription activity transcription regulator activity transcription activity transcription control transcription factor activity protein incline activity protein scheme transcription factor activity transcription factor activity **Regulator factor activity** **The scheme factor activity** **The	2.20E-02 3.20E-02 3.20E-02 3.30E-02 2.70E-15 8.30E-11 7.30E-07 9.50E-05 2.30E-05 2.50E-04 3.30E-02 8.40E-05 9.70E-05 6.80E-03 7.20E-03	(23.1%) 57/662	APPALAMENT, ATTAGAN (NOAL) INDIVIDUAL APPALAMENT, ATTAGAN IN AND AND AND AND AND AND AND AND AND AN
	activity	transport vesicle membrane (youtplannic vesicle part Golgi associated vesicle membrane (youtplannic vesicle membrane (youtplannic vesicle membrane transcription active actively transcription factor activity transcription actives activity transcription actives activity transcription actives activity transcription actives activity transcription activity transcription conferor activity protein insert activity	2.20E-02 2.70E-02 3.20E-02 3.20E-02 2.70E-15 8.30E-01 7.30E-07 5.00E-06 2.30E-05 9.50E-05 9.50E-04 3.30E-02 8.40E-05 9.70E-08 8.40E-03 7.20E-03 8.40E-03 8.40E-03	(23.1%) 57/662	APPALAMENT, CITAGOJA NOCALD INFONOLAPPALAMENT, CITAGOJA NOCALD INFONOLAPPALAMENT, CITAGOJA (TAGOS) CARDIS, SYZA, SYTI, YAMP2 ABPYA, ARRIDIA A, MRIDIA A, MRIDIA A, DELLIA A, DELZ, 19TGI, ISACITI, TARCEL, PEPROL SEZPA ABPYA, ARRIDIA A, MRIDIA A, DELLIA A, DELZ, 19TGI, ISACITI, TARCEL, PEPROL SEZPA ARRIDIA A, DELZ, PEPROL ESPI, BEZ, EDAZ, PORAL MET, MIGL, MOCA, POUGRI F, PROMISH ARRIDIA A, DELZ, PEPROL ESPI, BEZ, EDAZ, PORAL MET, MIGL, MOCA, POUGRI F, PROMISH MIDIS A, MRISCA, PROMIA S, DOLZ, TRIPLIA, ASSIRL, CORPS, COLV. EDLZ, PORMIS F, DAVAN, SERBA, SEPP-ARE MIDIS A, MRISCA, PERMA S, DOLZ, TRIPLIA, ASSIRL, CORPS, COLV. EDLZ, PORMIS F, DAVAN, SERBA, SEPP-ARE MIDIS A, MRISCA, PERMA S, DOLZ, TRIPLIA, ASSIRL, CORPS, COLV. EDLZ, PORMIS F, DAVAN, SERBA, SERBA, SEPP-ARE MIDIS A, MRISCA, PORTA, SERBA, S
	activity	transport vesicle membrane (you)baniut vesicle membrane (you)baniut vesicle membrane (you)baniut vesicle membrane transcription regulator activity transcription activity transcription regulator activity transcription activity transcription control transcription factor activity protein incline activity protein scheme transcription factor activity transcription factor activity **Regulator factor activity** **The scheme factor activity** **The	2.20E-02 3.20E-02 3.20E-02 3.30E-02 2.70E-15 8.30E-11 7.30E-07 9.50E-05 2.30E-05 2.50E-04 3.30E-02 8.40E-05 9.70E-05 6.80E-03 7.20E-03	(23.1%) 57/662	APPALAMENT, ATTAGAN (NOAL) INDIVIDUAL APPALAMENT, ATTAGAN IN AND AND AND AND AND AND AND AND AND AN